

PATENT

POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST

Revocation of Power of Attorney with New Power of Attorney

PixArt Imaging Inc., as assignee of record of the entire right, title and interest in each of the patent application(s) or patent(s) listed as below, hereby revoke all powers of attorney previously given in each of the listed patent application(s) or patent(s) and appoint all practitioners associated with the Customer
Number:

27765

as the attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all of the listed patent application(s) and patent(s).

Please recognize or change the correspondence address for the above-identified application to the address associated with the above-mentioned Customer
Number.

Statement under 37 CFR 3.73(b)

I hereby state that, as required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11. The chain of title is indicated as below

Appl. No.	Filing Date	Title	Chain of Title			
			No.	from	to	Reel/Frame No.
09/052,046	1998/03/30	Proximity Detector For A "Seeing Eye Mouse"	1	GORDON, GARY B. KNEE, DEREK L. BADYAL, RAJEEV HARTIOVE, JASON T.	HEWLETT-PACKARD COMPANY	009358/0819
			2	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	010759/0049
			3	HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES INC. HEWLETT-PACKARD COMPANY	012143/0895
			4	HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES, INC.	015232/0278

			5	<p>HEWLETT-PACKARD COMPANY</p> <p>AGILENT TECHNOLOGIES INC.</p> <p>HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.</p>	<p>HEWLETT-PACKARD COMPANY</p> <p>HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.</p> <p>AGILENT TECHNOLOGIES, INC.</p>	015980/0930
			6	<p>AGILENT TECHNOLOGIES, INC.</p>	<p>AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.</p>	017057/0001
			7	<p>AGILENT TECHNOLOGIES, INC.</p>	<p>AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.</p>	017207/0020
			8	<p>AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD.</p>	<p>AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.</p>	017083/0476
			9	<p>AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.</p>	<p>PixArt Imaging Inc.</p>	attached and concurrently submitted for recording

09/753,805	2001/01/02	SEEING EYE MOUSE FOR A COMPUTER SYSTEM	1	GORDON, GARY B. KNEE, DEREK L. BADYAL, RAJEEV HARTIOVE, JASON T.	HEWLETT-PACKARD COMPANY	009358/0819
			2	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	010759/0049
			3	HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES INC. HEWLETT-PACKARD COMPANY	012143/0895
			4	HEWLETT-PACKARD COMPANY AGILENT TECHNOLOGIES, INC.	AGILENT TECHNOLOGIES, INC.	015756/0860
			5	HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES, INC.	015232/0278

			6	HEWLETT-PACKARD COMPANY AGILENT TECHNOLOGIES INC. HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HEWLETT-PACKARD COMPANY HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. AGILENT TECHNOLOGIES, INC.	015980/0930
			7	AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	017057/0001
			8	AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	017207/0020
			9	AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD.	CITICORP NORTH AMERICA, INC.	017207/0882
			10	AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD.	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	017083/0476

			11	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	PixArt Imaging Inc.	attached and concurrently submitted for recordation
09/931,987	2001/08/17	One Chip USB Optical Mouse Sensor Solution	1	DAVIS, JEFFREY BROSNAN, MICHAEL J. WALLEY, THOMAS M. ANDERSON, MARK A. MISEK, BRIAN J. NORSKOG, ALLEN C.	AGILENT TECHNOLOGIES, INC.	012349/0700
			2	DAVIS, JEFFREY BROSNAN, MICHAEL J. WALLEY, THOMAS M. ANDERSON, MARK A. MISEK, BRIAN J. NORSKOG, ALLEN C.	AGILENT TECHNOLOGIES, INC.	014492/0792
			3	AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	017206/0666

			4	AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD.	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	017675/0518
			5	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	PixArt Imaging Inc.	attached and concurrently submitted for recording
10/217,725	2002/08/12	Seeing Eye Mouse For A Computer System	1	GORDON, GARY B. KNEE, DEREK L. BADYAL, RAJEEV HARTIOVE, JASON T.	HEWLETT-PACKARD COMPANY	009358/0819
			2	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	010759/0049
			3	HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES INC. HEWLETT-PACKARD COMPANY	012143/0895
			4	HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES, INC.	015232/0278

			5	HEWLETT-PACKARD COMPANY AGILENT TECHNOLOGIES INC. HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HEWLETT-PACKARD COMPANY HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. AGILENT TECHNOLOGIES, INC.	015980/0930
			6	AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	017057/0001
			7	AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	017207/0020
			8	AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD.	CITICORP NORTH AMERICA, INC.	017207/0882
			9	AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD.	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	017083/0476

			10	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	PixArt Imaging Inc.	attached and concurrently submitted for recordation
			1	BAHARAV, IZHAK BLALOCK, TRAVIS N. MACHIDA, AKIHIRO SMITH, GEORGE E. ANG, JIN KIONG	AGILENT TECHNOLOGIES, INC.	013991/0799
10/419,226	2003/04/18	Imaging System And Apparatus For Combining Finger Recognition And Finger Navigation	2	AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	017206/0666
			3	AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD.	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	017675/0518
			4	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	PixArt Imaging Inc.	attached and concurrently submitted for recordation

10/697/421	2003/10/30	Low power consumption, broad navigability optical mouse	1	BANEY, DOUGLAS M. XIE, TONG DEPUE, MARSHALL T.	AGILENT TECHNOLOGIES, INC.	014326/0255
			2	AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	017206/0666
			3	AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD.	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	017675/0518
			4	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	PixArt Imaging Inc.	attached and concurrently submitted for recording

10/806,367	2004/03/22	Contaminant-Resistant Optical Mouse And Cradle	1	MOYER, VINCENT C. BUTTEROWORTH, MARK M. BROSNAN, MICHAEL GREWAL, ROOPINDER SINGH WELCH, PAUL DEPUJE, MARSHALL T. XIE, TONG	AGILENT TECHNOLOGIES, INC.	014857/0625
			2	AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	017206/0666
			3	AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD.	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	017675/0518
			4	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	PixArt Imaging Inc.	attached and concurrently submitted for recordation

11/022,183	2004/12/23	"Seeing Eye" Mouse For A Computer System	1	GORDON, GARY B. KNEE, DEREK L. BADYAL, RAJEEV HARTIOVE, JASON T.	HEWLETT-PACKARD COMPANY	009358/0819
			2	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	010759/0049
			3	HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES INC. HEWLETT-PACKARD COMPANY	012143/0895
			4	HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES, INC.	015232/0278
			5	HEWLETT-PACKARD COMPANY AGILENT TECHNOLOGIES INC. HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HEWLETT-PACKARD COMPANY HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. AGILENT TECHNOLOGIES, INC.	015980/0930

			6	AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	017057/0001
			7	AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	017206/0666
			8	AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD.	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	017083/0476
			9	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	PixArt Imaging Inc.	attached and concurrently submitted for recordation
11/147,838	2005/06/08	Optical Mouse with Uniform Level Detection	1	GORDON, GARY B. KNEE, DEREK L. BADYAL, RAJEEV HARTOVE, JASON T.	HEWLETT-PACKARD COMPANY	009358/0819
			2	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	010759/0049

			3	HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES INC. HEWLETT-PACKARD COMPANY	012143/0895
			4	HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES, INC.	015232/0278
			5	HEWLETT-PACKARD COMPANY AGILENT TECHNOLOGIES INC. HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HEWLETT-PACKARD COMPANY HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. AGILENT TECHNOLOGIES, INC.	015980/0930
			6	AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	017057/0001
			7	AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	017206/0666
			8	AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD.	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	017083/0476

			9	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	PixArt Imaging Inc.	attached and concurrently submitted for recordation
11/154,007	2005/06/15	Method of Operating an Optical Mouse	1	GORDON, GARY B. KNEE, DEREK L. BADYAL, RAJEEV HARTIOVE, JASON T.	HEWLETT-PACKARD COMPANY	009358/0819
			2	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	010759/0049
			3	HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES INC. HEWLETT-PACKARD COMPANY	012143/0895
			4	HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES, INC.	015232/0278

			5	HEWLETT-PACKARD COMPANY AGILENT TECHNOLOGIES INC. HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HEWLETT-PACKARD COMPANY HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. AGILENT TECHNOLOGIES, INC.	015980/0930
			6	AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	017057/0001
			7	AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	017206/0666
			8	AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD.	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	017083/0476
			9	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	PixArt Imaging Inc.	attached and concurrently submitted for recordation

11/154,008	2005/06/15	OPTICAL MOUSE WITH UNIFORM LEVEL DETECTION METHOD	1	GORDON, GARY B. KNEE, DEREK L. BADYAL, RAJEEV HARTIOVE, JASON T.	HEWLETT-PACKARD COMPANY	009358/0819
			2	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	010759/0049
			3	HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES INC. HEWLETT-PACKARD COMPANY	012143/0895
			4	HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES, INC.	015232/0278
			5	HEWLETT-PACKARD COMPANY AGILENT TECHNOLOGIES INC. HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HEWLETT-PACKARD COMPANY HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. AGILENT TECHNOLOGIES, INC.	015980/0930

			6	AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	017057/0001
			7	AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	017206/0666
			8	AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD.	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	017083/0476
			9	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	PixArt Imaging Inc.	attached and concurrently submitted for recordation
11/285,848	2005/11/22	Method And Device For Tracking Movement Between A Surface And An Imager	1	MAU, MING YONG CHAN, LYE HOCK BERNARD	AGILENT TECHNOLOGIES, INC.	017141/0549
			2	AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	017206/0666
			3	AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD	017675/0001

			4	AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD.	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	017675/0626
			5	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	PixArt Imaging Inc.	attached and concurrently submitted for recording
11/518,341	2006/09/08	Programmable Resolution For Optical Pointing Device	1	HOCK CHAN, BERNARD LYE LIEW, TONG SEN TAN, SHAN CHONG CHONG, LEAN LEAN CHEONG, KAI YIN TAL, LI CHONG	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	018516/0336
			2	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	PixArt Imaging Inc.	attached and concurrently submitted for recording

11/614,958	2006/12/21	METHOD OF OPERATING AN OPTICAL MOUSE	1	GORDON, GARY B. KNEE, DEREK L. BADYAL, RAJEEV HARTOVE, JASON T.	HEWLETT-PACKARD COMPANY	009358/0819
			2	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	010759/0049
			3	HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES INC.	012143/0895
			4	HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES, INC.	015232/0278
			5	HEWLETT-PACKARD COMPANY AGILENT TECHNOLOGIES INC. HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HEWLETT-PACKARD COMPANY HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. AGILENT TECHNOLOGIES, INC.	015980/0930
			6	AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	017057/0001

			7	AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	017207/0020
			8	AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD.	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	017083/0476
			9	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	PixArt Imaging Inc.	attached and concurrently submitted for recording
11/929,606	2007/10/30	Method of Operating an Optical Mouse	1	GORDON, GARY B. KNEE, DEREK L. BADYAL, RAJEEV HARTIOVE, JASON T.	HEWLETT-PACKARD COMPANY	009358/0819
			2	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	010759/0049
			3	HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES INC.	012143/0895
			4	HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES, INC.	015232/0278

			5	<p>HEWLETT-PACKARD COMPANY</p> <p>AGILENT TECHNOLOGIES INC.</p> <p>HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.</p>	<p>HEWLETT-PACKARD COMPANY</p> <p>HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.</p> <p>AGILENT TECHNOLOGIES, INC.</p>	015980/0930
			6	<p>AGILENT TECHNOLOGIES, INC.</p>	<p>AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.</p>	017057/0001
			7	<p>AGILENT TECHNOLOGIES, INC.</p>	<p>AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.</p>	017207/0020
			8	<p>AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD.</p>	<p>AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.</p>	017083/0476
			9	<p>AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.</p>	<p>PixArt Imaging Inc.</p>	attached and concurrently submitted for recording

11/929,616	2007/10/30	Method of Operating an Optical Mouse	1	GORDON, GARY B. KNEE, DEREK L. BADYAL, RAJEEV HARTIOVE, JASON T.	HEWLETT-PACKARD COMPANY	009358/0819
			2	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	010759/0049
			3	HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES INC. HEWLETT-PACKARD COMPANY	012143/0895
			4	HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES, INC.	015232/0278
			5	HEWLETT-PACKARD COMPANY AGILENT TECHNOLOGIES INC. HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HEWLETT-PACKARD COMPANY HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. AGILENT TECHNOLOGIES, INC.	015980/0930

			6	AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	017057/0001
			7	AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	017207/0020
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			9	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	PixArt Imaging Inc.	attached and concurrently submitted for recordation
12/136,050	2008/06/10	Contaminant-Resistant Optical Mouse And Cradle	1	MOYER, VINCENT C. BUTTERWORTH, MARK M. BROSNAN, MICHAEL GREWAL, ROOPINDER SINGH WELCH, PAUL DEPUE, MARSHALL T. XIE, TONG	AGILENT TECHNOLOGIES, INC.	014857/0625

			2	AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	017206/0666
			3	AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD.	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	017675/0518
			4	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	PixArt Imaging Inc.	attached and concurrently submitted for recording
12/634,245	2009/12/09	IMAGING AND NAVIGATION ARRANGEMENT FOR CONTROLLING A CURSOR	1	GORDON, GARY B. KNEE, DEREK L. BADYAL, RAJEEV HARTIOVE, JASON T.	HEWLETT-PACKARD COMPANY	009358/0819
			2	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	010759/0049
			3	HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES INC.	012143/0895
			4	HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES, INC.	015232/0278

			5	<p>HEWLETT-PACKARD COMPANY</p> <p>AGILENT TECHNOLOGIES INC.</p> <p>HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.</p>	<p>HEWLETT-PACKARD COMPANY</p> <p>HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.</p> <p>AGILENT TECHNOLOGIES, INC.</p>	015980/0930
			6	<p>AGILENT TECHNOLOGIES, INC.</p>	<p>AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.</p>	017057/0001
			7	<p>AGILENT TECHNOLOGIES, INC.</p>	<p>AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.</p>	017207/0020
			8	<p>AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD.</p>	<p>AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.</p>	017083/0476
			9	<p>AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.</p>	<p>PixArt Imaging Inc.</p>	attached and concurrently submitted for recording

13/034,242	2011/02/24	METHOD AND ARRANGEMENT FOR TRACKING MOVEMENT RELATIVE TO A SURFACE	1	GORDON, GARY B. KNEE, DEREK L. BADYAL, RAJEEV HARTIOVE, JASON T.	HEWLETT-PACKARD COMPANY	009358/0819
			2	HEWLETT-PACKARD COMPANY	HEWLETT-PACKARD COMPANY	010759/0049
			3	HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES INC. HEWLETT-PACKARD COMPANY	012143/0895
			4	HEWLETT-PACKARD COMPANY	AGILENT TECHNOLOGIES, INC.	015232/0278
			5	HEWLETT-PACKARD COMPANY AGILENT TECHNOLOGIES INC. HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	HEWLETT-PACKARD COMPANY HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. AGILENT TECHNOLOGIES, INC.	015980/0930

			6	AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	017057/0001
			7	AGILENT TECHNOLOGIES, INC.	AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.	017207/0020
			8	AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD.	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	017083/0476
			9	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.	PIXART IMAGING, INC.	028847/0234

Pursuant to 37 CFR 3.71, I hereby state the prosecution of the listed application(s) or reexamination of the listed patent(s) is to be conducted to the exclusion of both the inventor(s) and previous assignee(s).

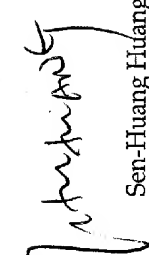
The undersigned is authorized to act on behalf of the assignee.

Signature

Name

Title

Date


Sen-Huang Huang

10/18/2012

President

Form of Recordable Patent Assignment and Reservation

WHEREAS, in consideration of One Dollar(\$1.00) and other goods and valuable considerations, the receipt of which is hereby acknowledged, and subject to the reservations stated in the Patent Assignment Agreement between parties,

Avago Technologies ECBU IP (Singapore) Pte. Ltd., a corporation organized and existing under the laws of SINGAPORE,

(hereinafter "ASSIGNOR(S)")

HEREBY grant(s) and assign(s) to

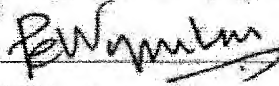
PixArt Imaging Inc., a corporation organized and existing under the laws of TAIWAN,

(hereinafter "ASSIGNEE(S)")

all of the ASSIGNOR(S)'s rights, title and interest in and to the United States Letters Patent(s) and patent application(s) identified in Exhibit A attached hereto, (hereinafter, collectively, "ASSIGNED PATENT(S)"), to have and to hold the same, unto ASSIGNEE(S) for his/their own use and enjoyment and for the use and enjoyment of his/their successors and assigns, including all damages for infringement of any of the ASSIGNED PATENT(S) and the sole right to sue therefore under such ASSIGNED PATENT(S), for the full term(s) of all such ASSIGNED PATENT(S), subject to all rights granted under the ASSIGNED PATENT(S) to third parties by ASSIGNOR(S) prior to the effective date of the said Patent Assignment Agreement.

ASSIGNOR(S) hereby reserve(s) and retain(s), for the benefit of himself/himself and his/their subsidiaries and their successors and assigns, the rights and licenses set forth in the Patent Assignment Agreement.

Avago Technologies ECBU IP (Singapore) Pte. Ltd.
(Assignor)

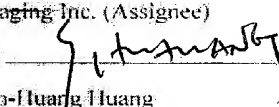
Signature: 

Name: Pe-Wynn Kin

Title: Corporate Secretary

Date: 18 OCT 2012

PixArt Imaging Inc. (Assignee)

Signature: 

Name: Sen-Huang Huang

Title: President

Date: 10/18/2012

Exhibit A**United States Patent Application(s)**

Serial No.	Application No.	Filing Date	Assignor		Assignee	
			Name	Interest(%)	Name	Interest(%)
1	11/614,958	2006/12/21	Avago Technologies ECBU IP (Singapore) Pte. Ltd.	100%	PixArt Imaging Inc.	100%
2	12/136,050	2008/06/10	Avago Technologies ECBU IP (Singapore) Pte. Ltd.	100%	PixArt Imaging Inc.	100%

United States Letters Patent(s)

Serial No.	Patent No.	Issue Date	Assignor		Assignee	
			Name	Interest(%)	Name	Interest(%)
1	6,281,882	2001/08/28	Avago Technologies ECBU IP (Singapore) Pte. Ltd.	100%	PixArt Imaging Inc.	100%
2	6,433,780	2002/08/13	Avago Technologies ECBU IP (Singapore) Pte. Ltd.	100%	PixArt Imaging Inc.	100%
3	6,950,094	2005/09/27	Avago Technologies ECBU IP (Singapore) Pte. Ltd.	100%	PixArt Imaging Inc.	100%
4	7,116,427	2006/10/03	Avago Technologies ECBU IP (Singapore) Pte. Ltd.	100%	PixArt Imaging Inc.	100%
5	7,126,585	2006/10/24	Avago Technologies ECBU IP (Singapore) Pte. Ltd.	100%	PixArt Imaging Inc.	100%
6	7,193,203	2007/03/20	Avago Technologies ECBU IP (Singapore) Pte. Ltd.	100%	PixArt Imaging Inc.	100%

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7	7,274,808	2007/09/25	Avago Technologies ECBU IP (Singapore) Pte. Ltd.	100%	PixArt Imaging Inc.	100%
8	7,474,297	2009/01/06	Avago Technologies ECBU IP (Singapore) Pte. Ltd.	100%	PixArt Imaging Inc.	100%
9	7,643,007	2010/01/05	Avago Technologies ECBU IP (Singapore) Pte. Ltd.	100%	PixArt Imaging Inc.	100%
10	7,652,661	2010/01/26	Avago Technologies ECBU IP (Singapore) Pte. Ltd.	100%	PixArt Imaging Inc.	100%
11	7,791,590	2010/09/07	Avago Technologies ECBU IP (Singapore) Pte. Ltd.	100%	PixArt Imaging Inc.	100%
12	7,800,585	2010/09/21	Avago Technologies ECBU IP (Singapore) Pte. Ltd.	100%	PixArt Imaging Inc.	100%
13	7,808,485	2010/10/05	Avago Technologies ECBU IP (Singapore) Pte. Ltd.	100%	PixArt Imaging Inc.	100%
14	7,889,178	2011/02/15	Avago Technologies ECBU IP (Singapore) Pte. Ltd.	100%	PixArt Imaging Inc.	100%
15	7,907,120	2011/03/15	Avago Technologies ECBU IP (Singapore) Pte. Ltd.	100%	PixArt Imaging Inc.	100%
16	8,212,778	2012/07/03	Avago Technologies ECBU IP (Singapore) Pte. Ltd.	100%	PixArt Imaging Inc.	100%

End of Exhibit A